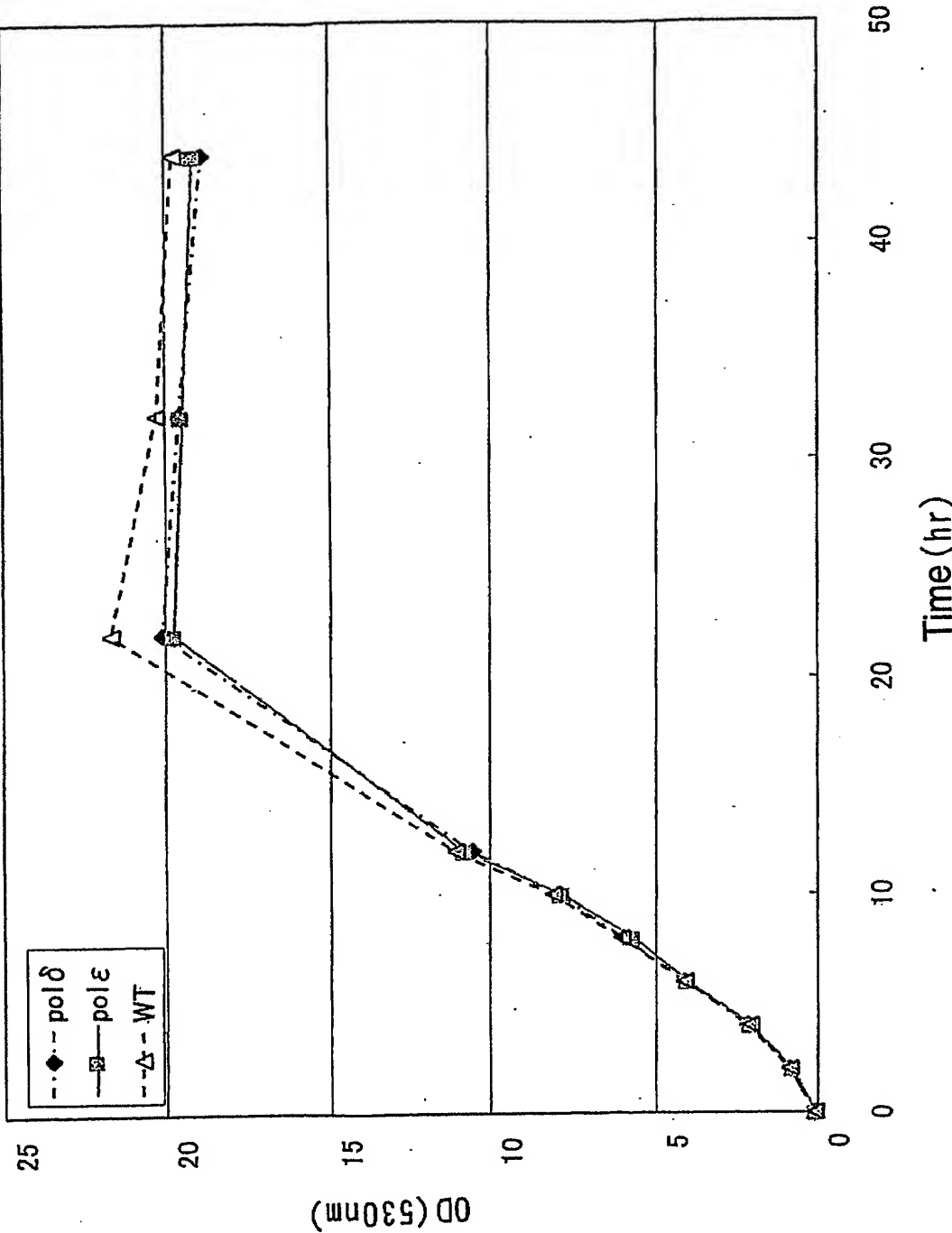
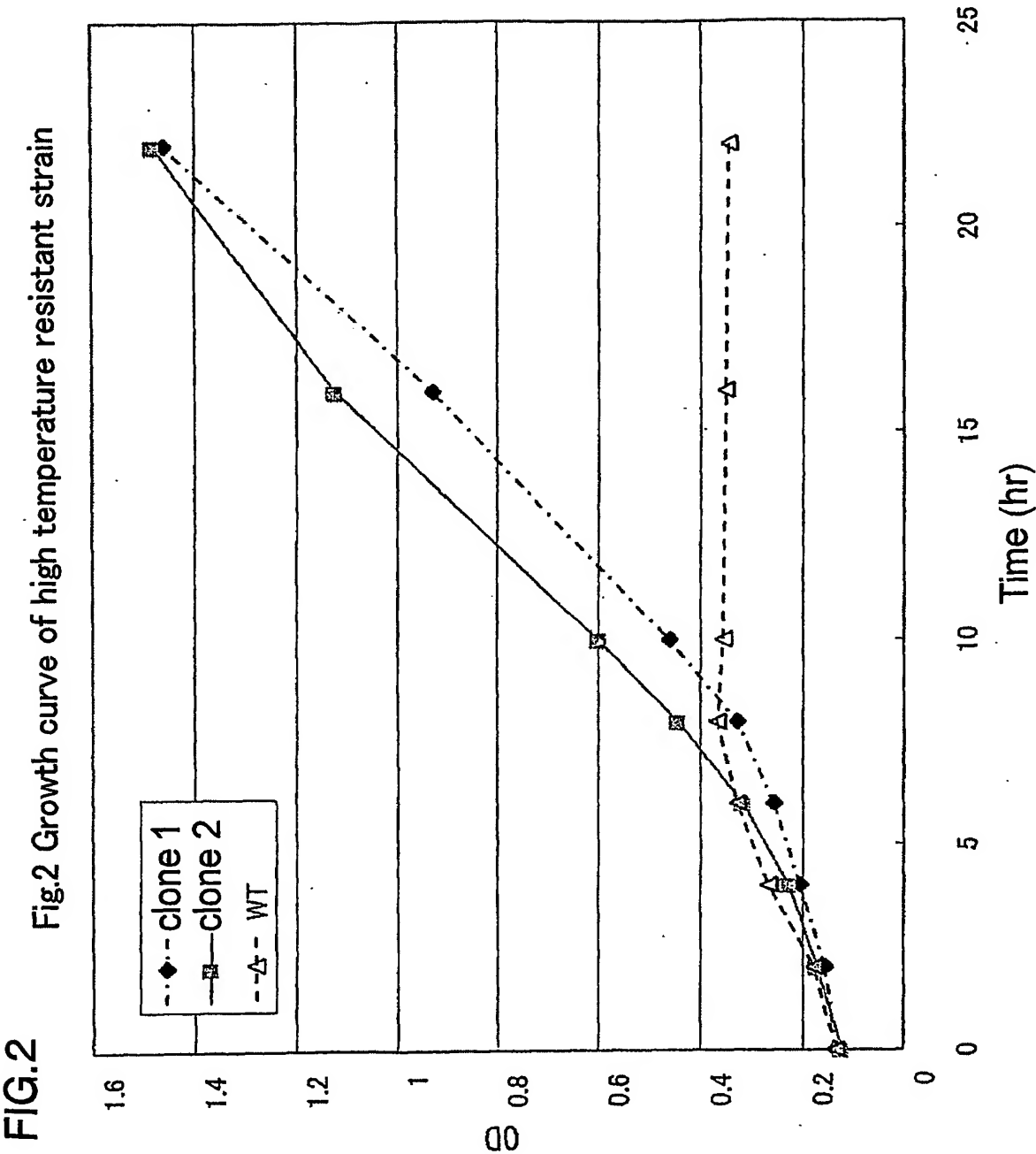


FIG. 1 Growth curve of mutant strain





BEST AVAILABLE COPY

FIG.3A

Isolation of high temperature resistant strain (1)

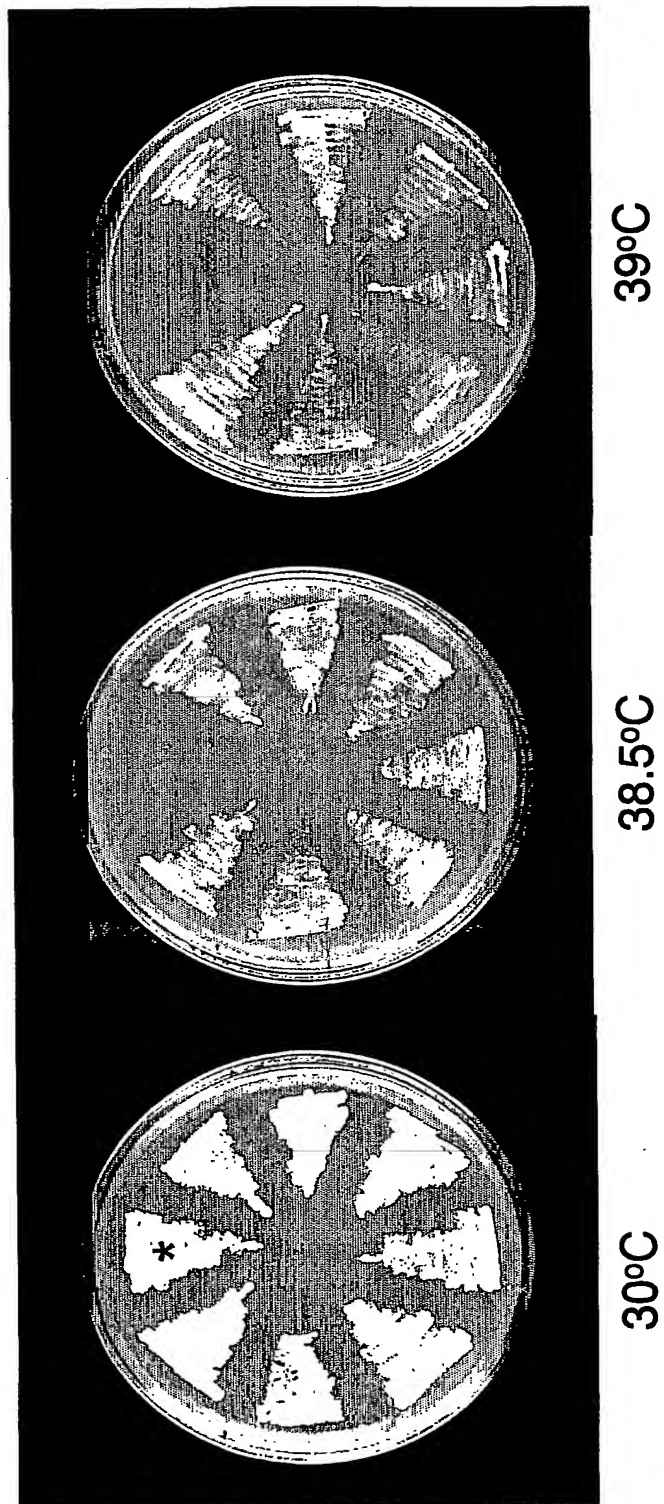
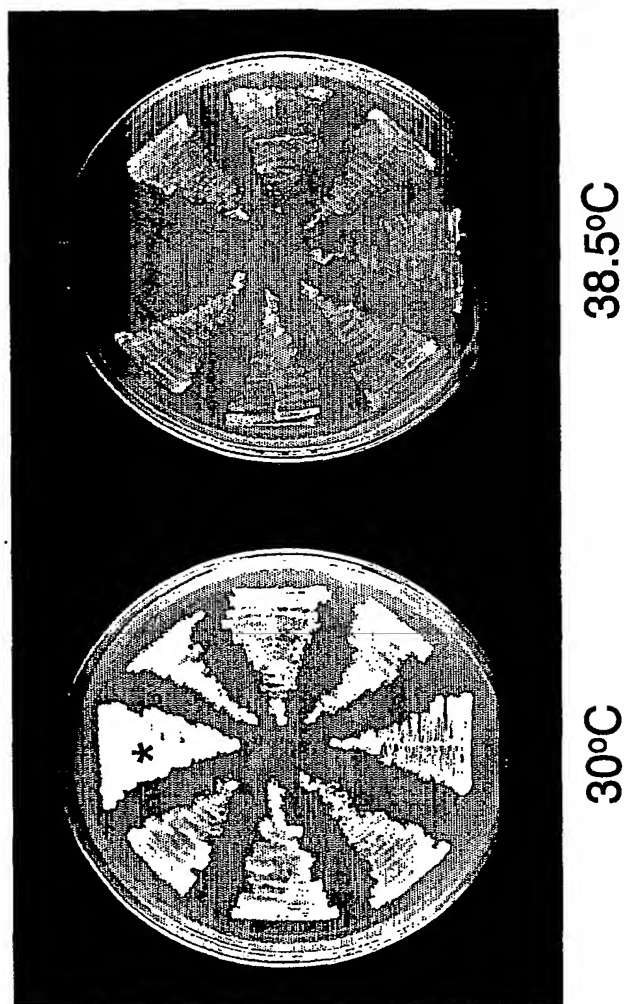


FIG.3B

Isolation of high temperature resistant strain (2)



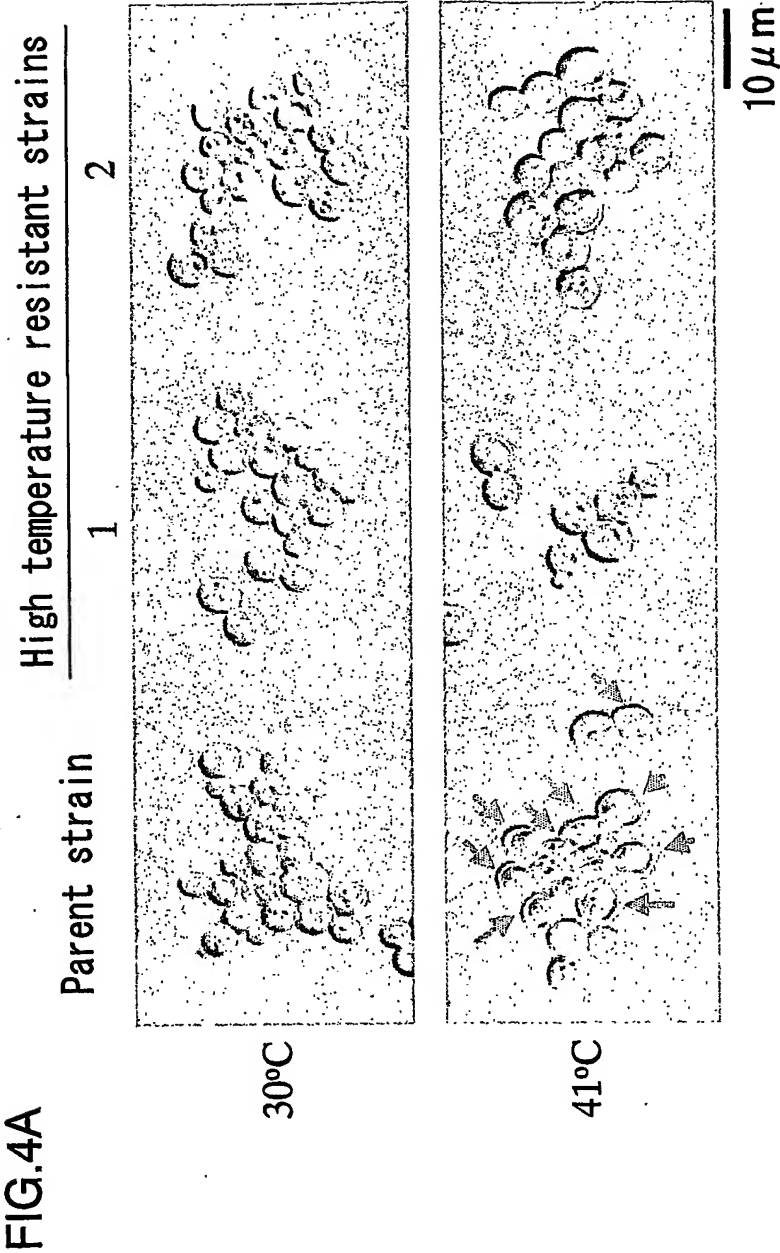


FIG.4B

Growth of high temperature resistant strain (41°C)

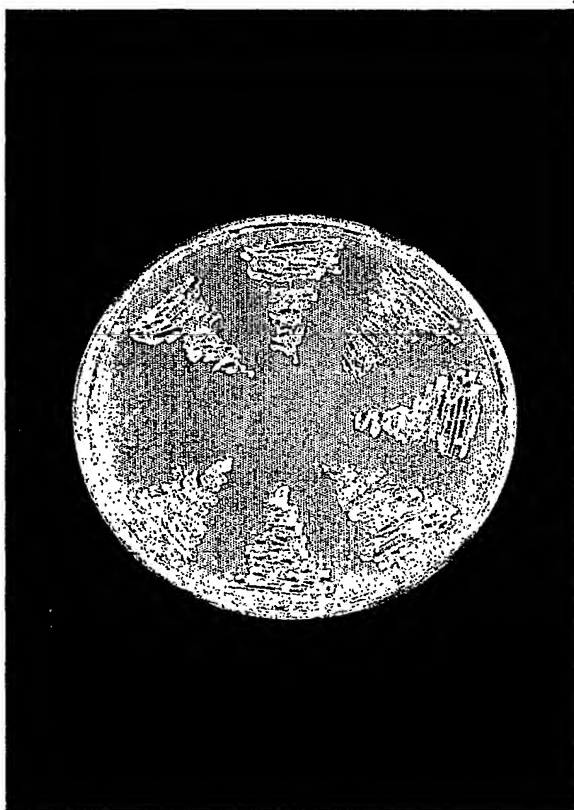


FIG.5

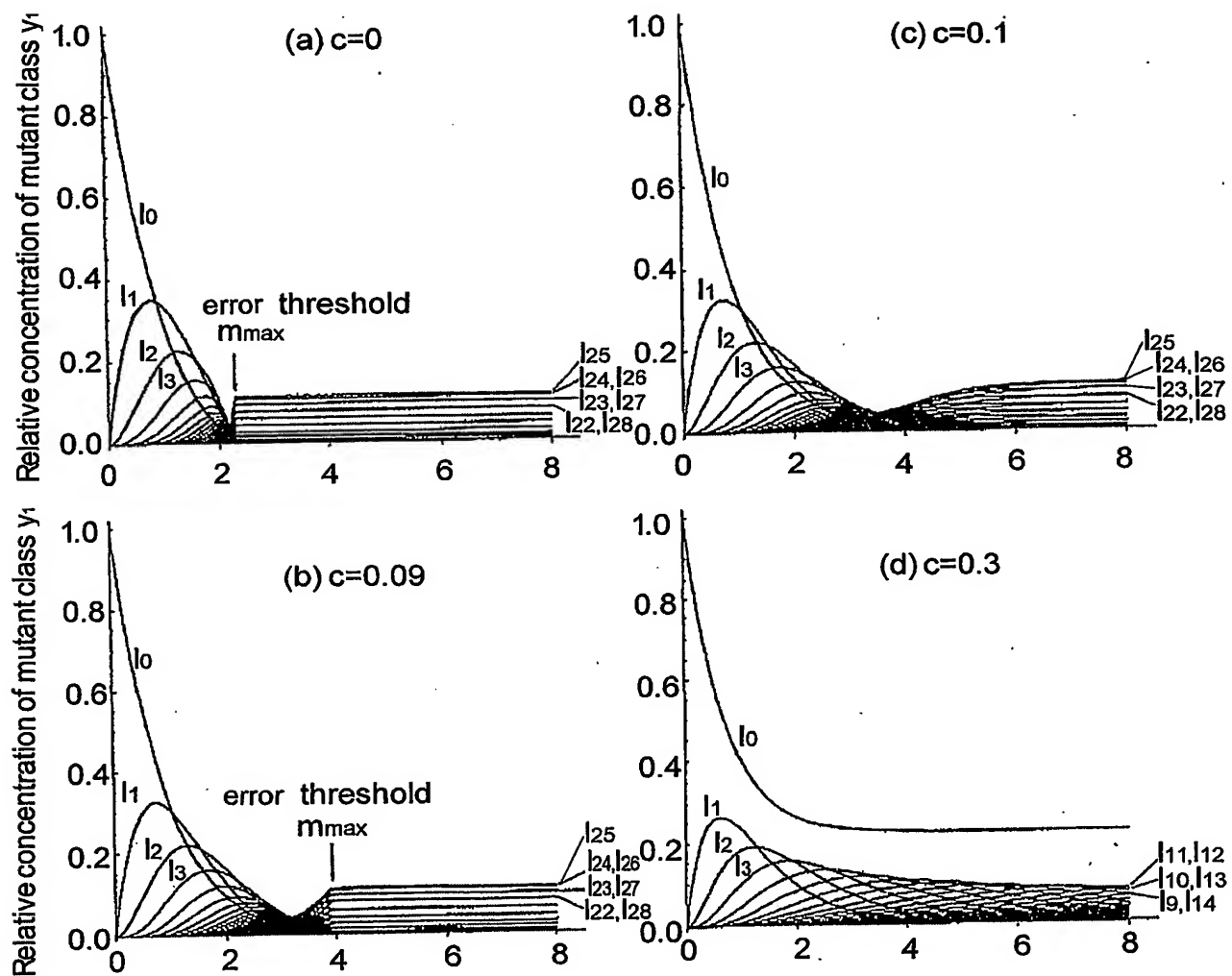


FIG.6

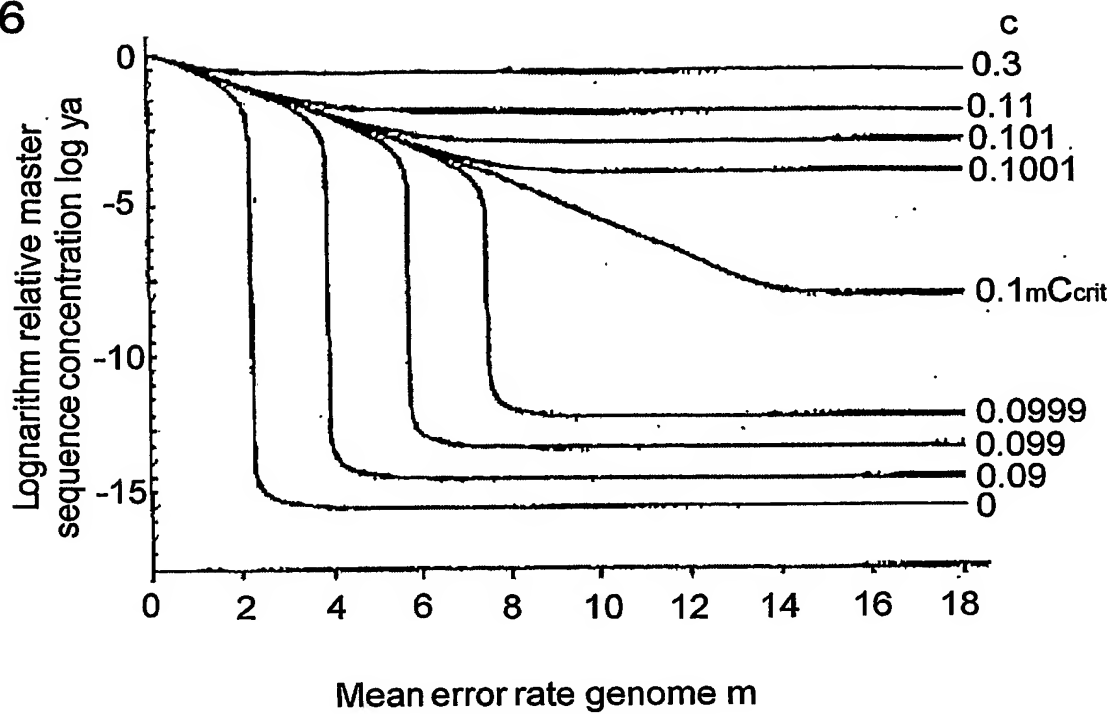
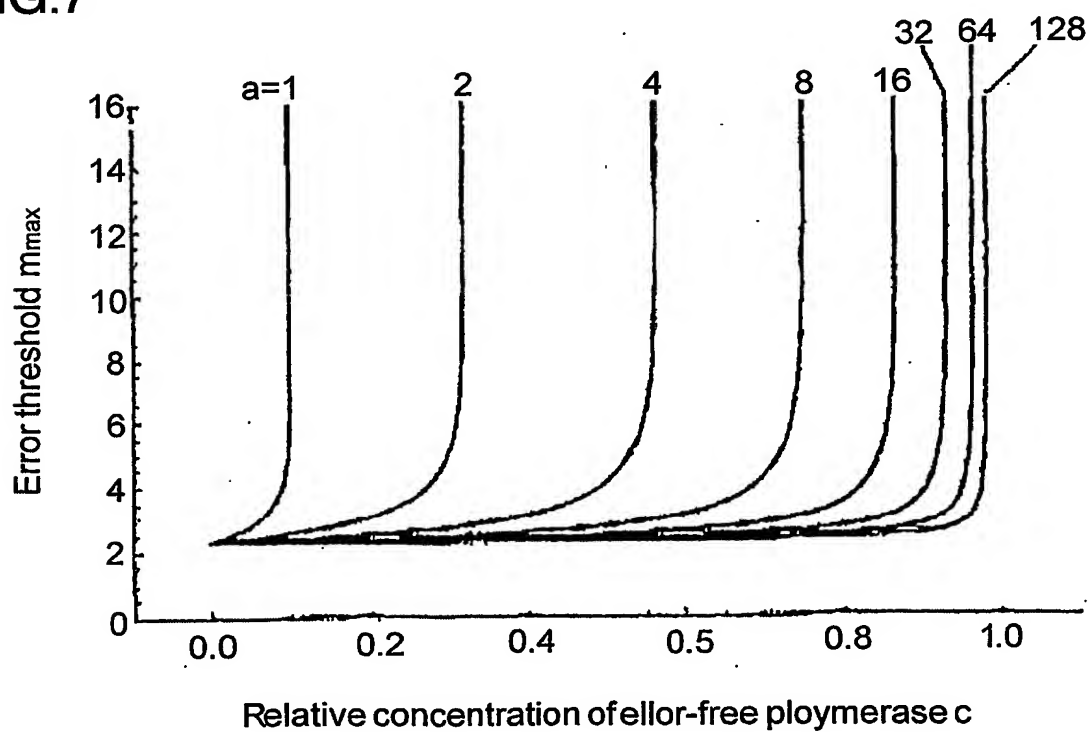
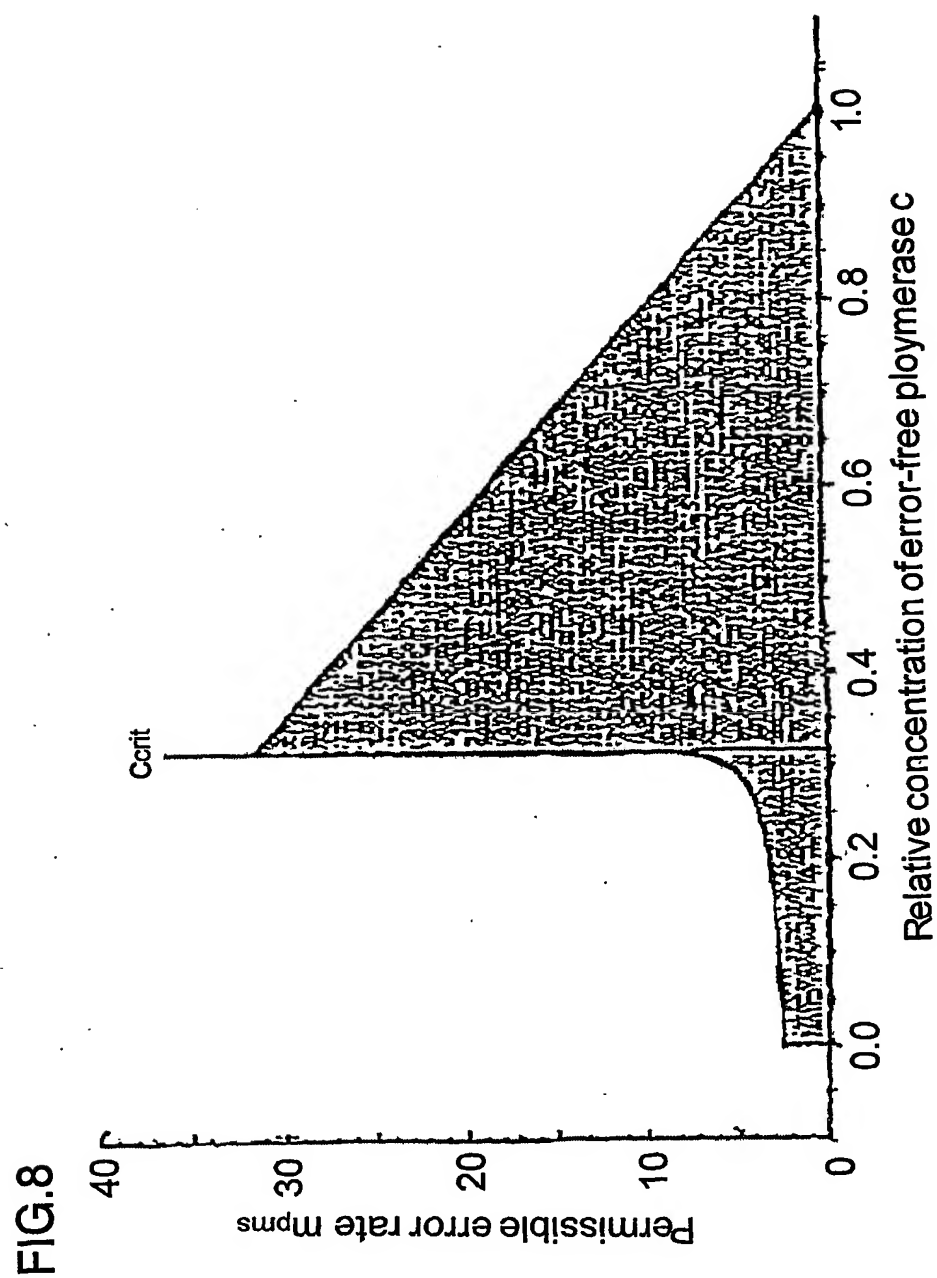


FIG.7





9/19



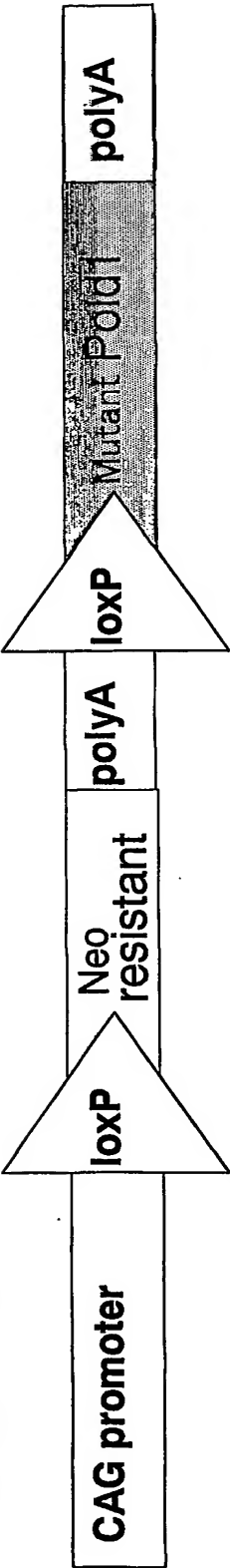
BEST AVAILABLE COPY

Fig.9

Transgenic mouse #1



Transgenic mouse #2



BEST AVAILABLE COPY

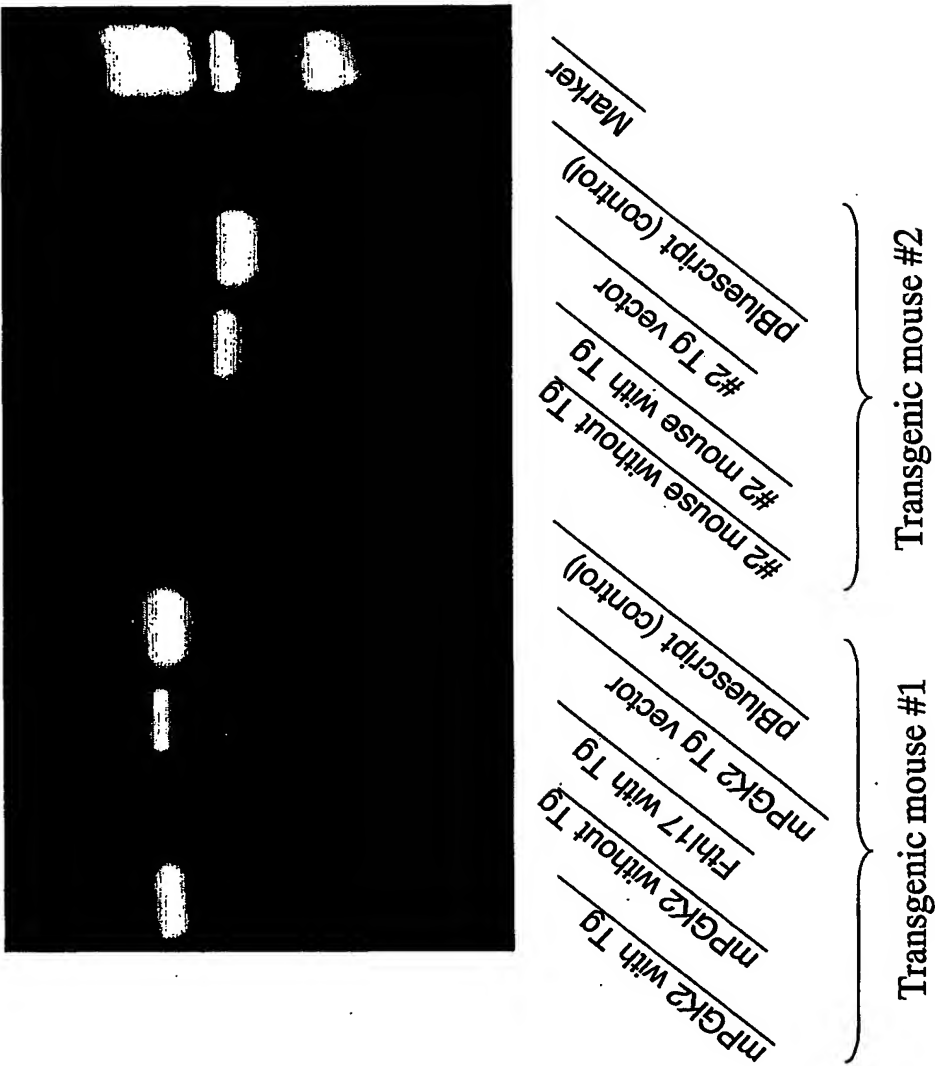
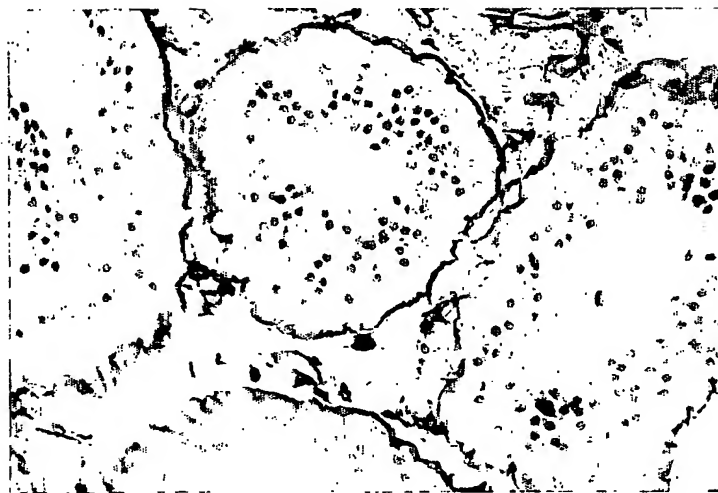
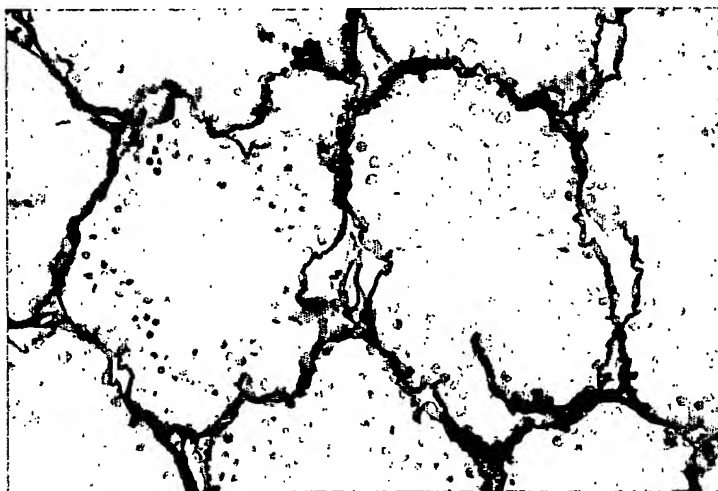


Fig.10

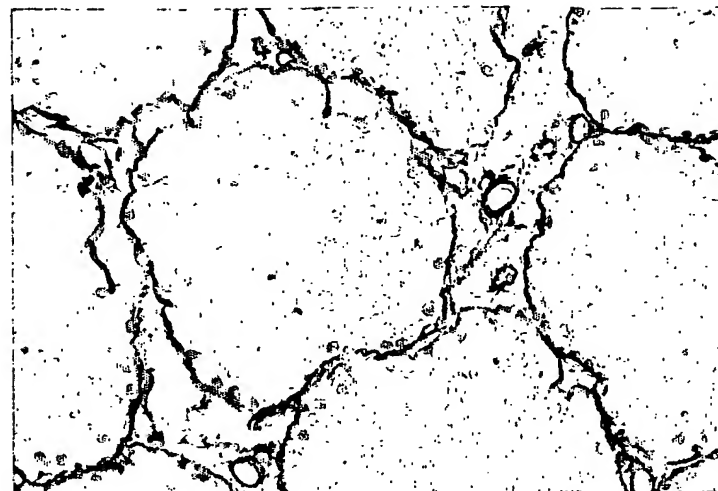
Fig.11



(a) mPGK2



(b) Fthl17



(c) control

50μm



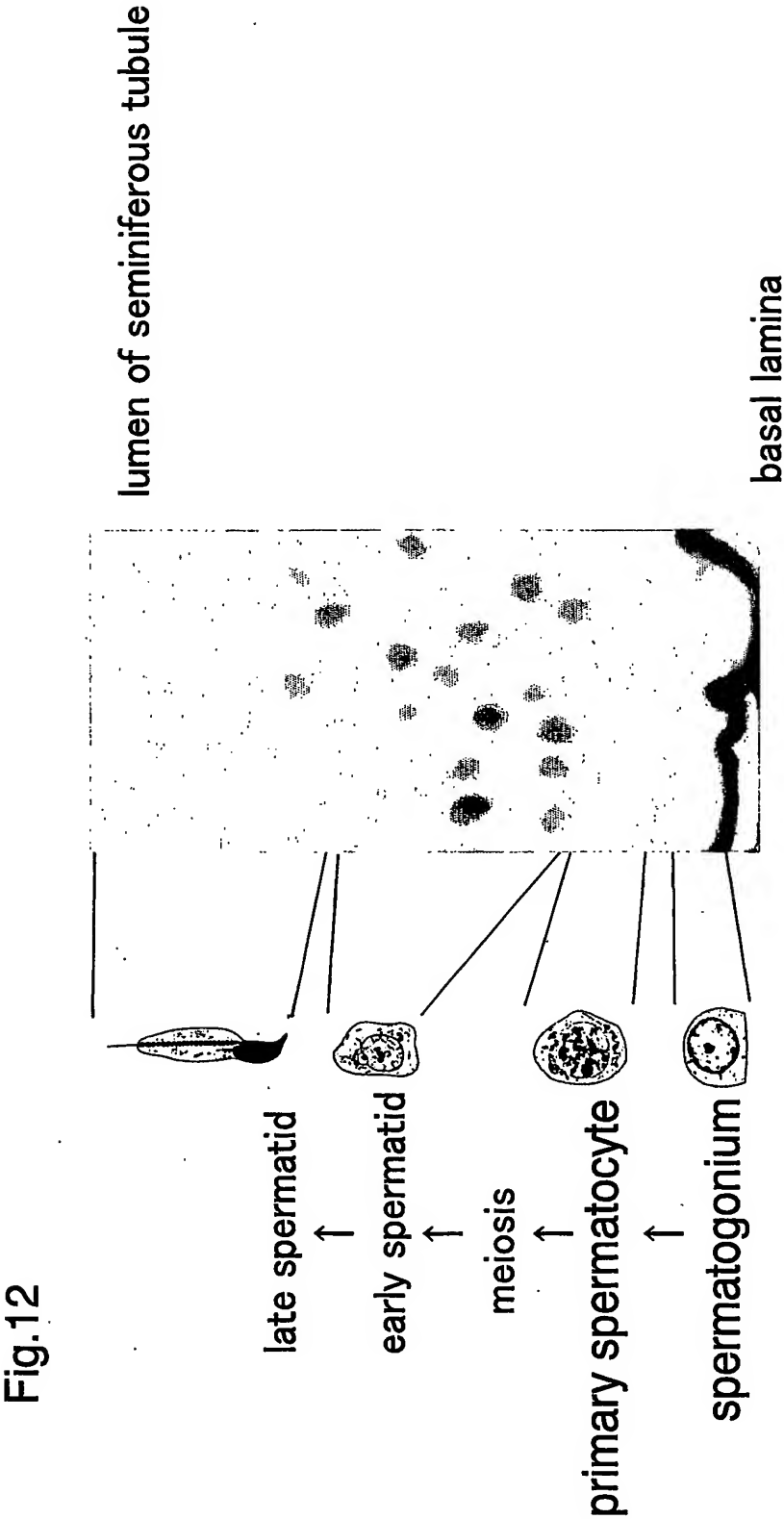


Fig.12

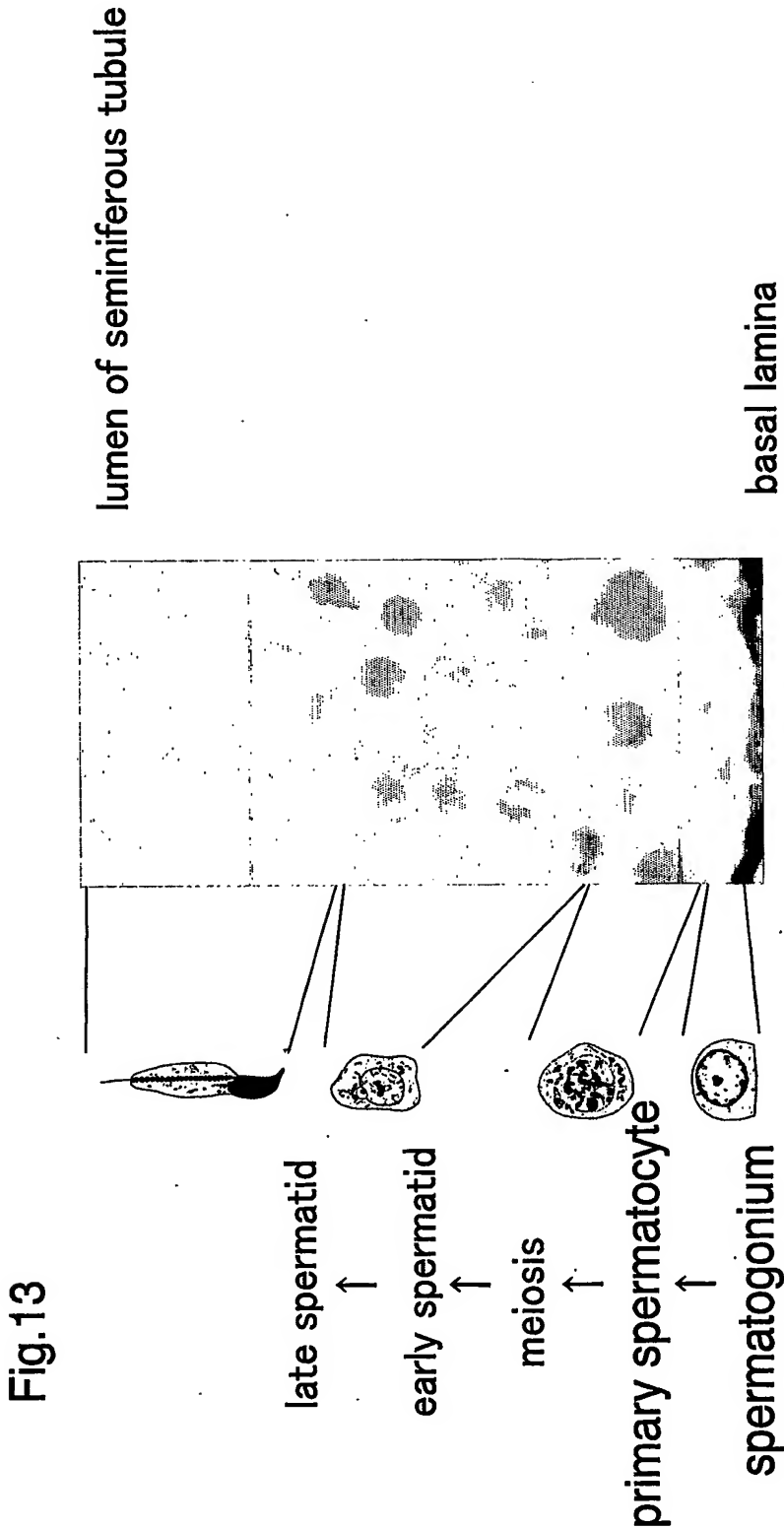


Fig.14

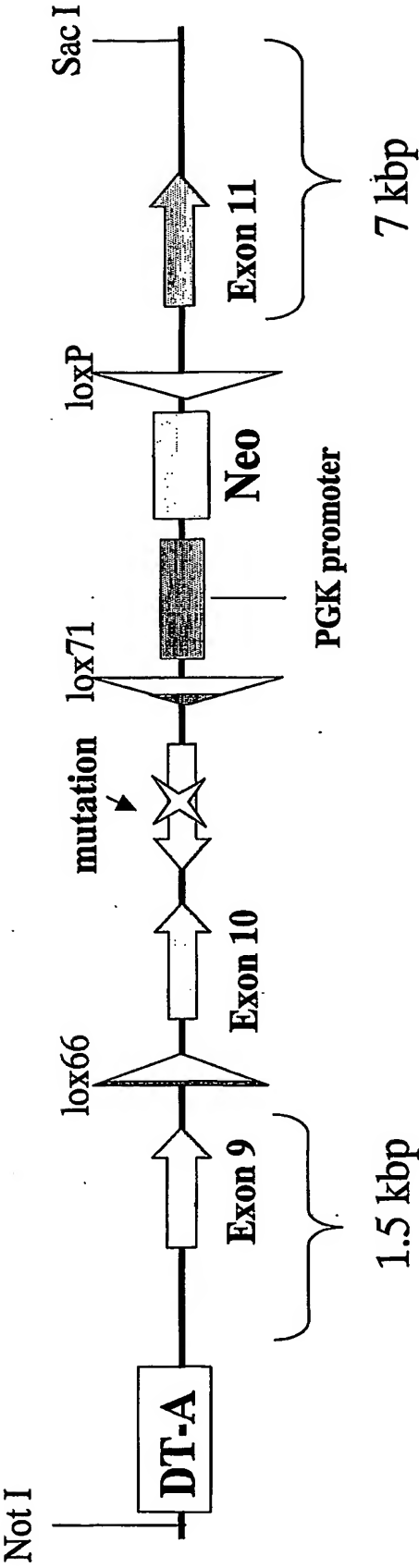


Fig. 15

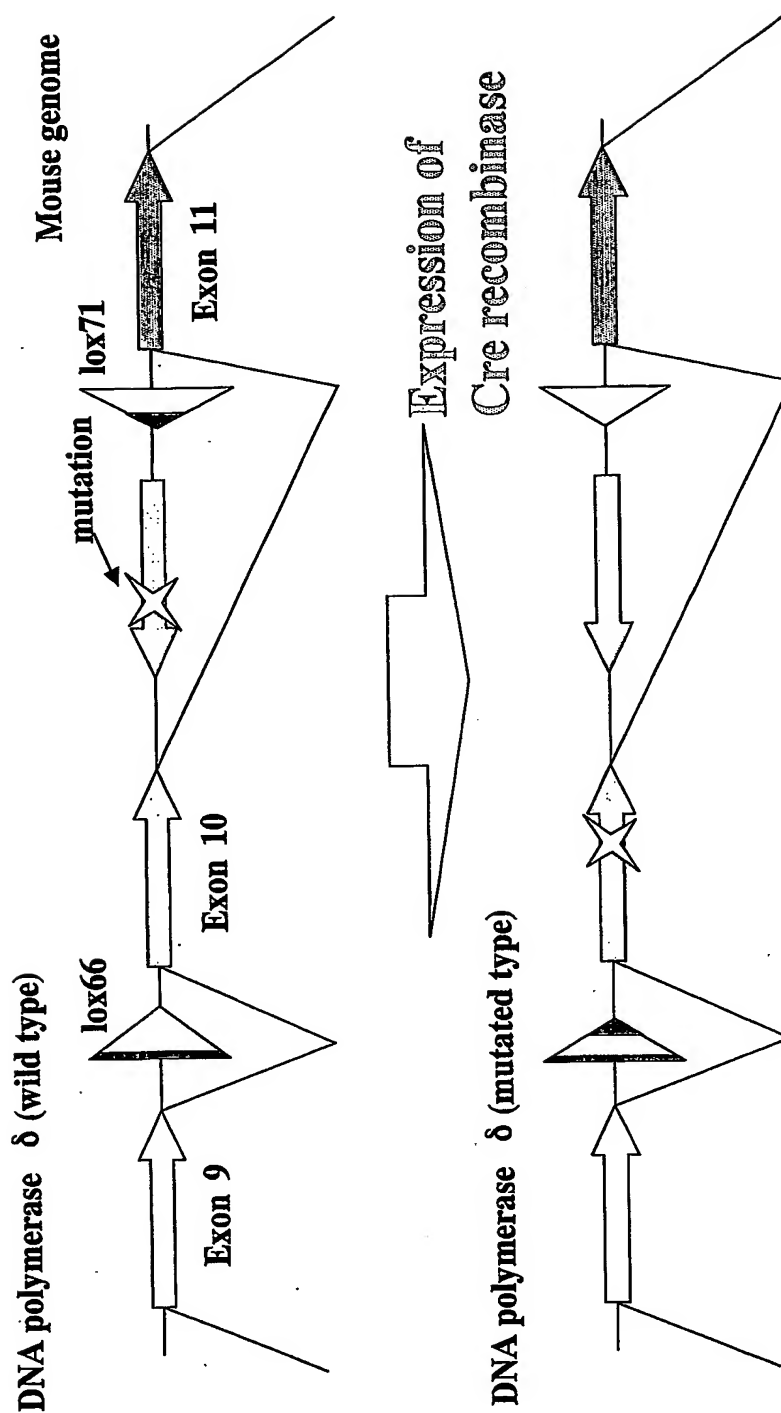




Fig.16

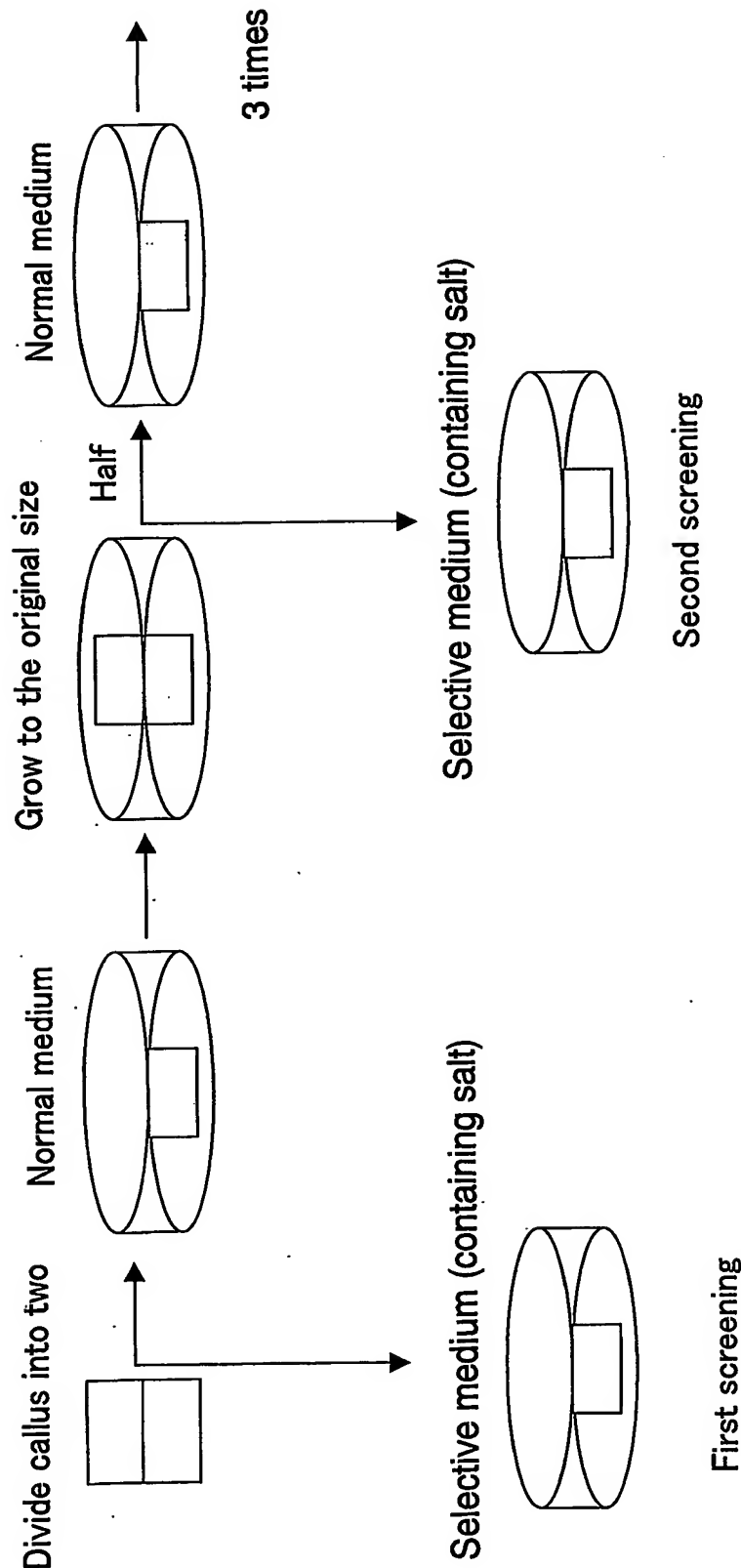
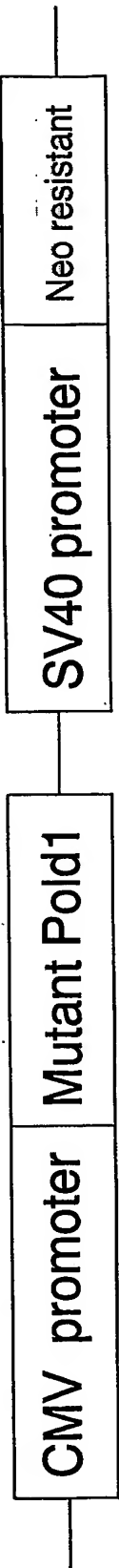
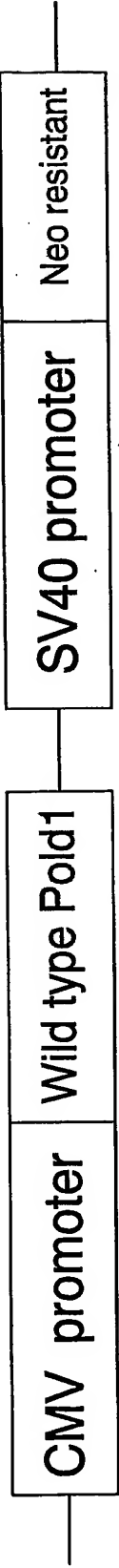


Fig.17

Overexpression of mutant Pold1



Control using wild type Pold1



Control using EGFP gene

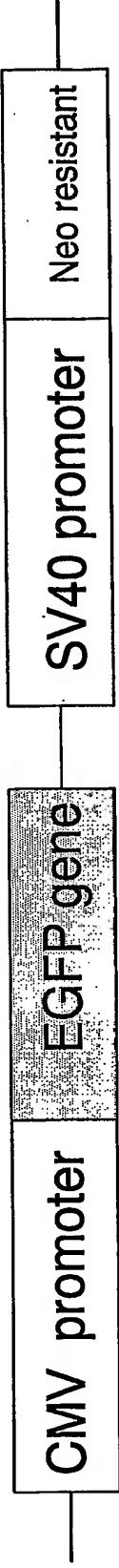


Fig.18

